

SURGICAL DEVICE FOR CLAMPING, LIGATING,  
AND SEVERING TISSUE

ABSTRACT OF THE DISCLOSURE

A surgical device for severing tissue, the  
5 surgical device comprising; a first shaft having a first  
internal lumen and a first slot disposed at a distal end; a  
clamp slidingly disposed in the first slot between open and  
closed positions to capture tissue in the first slot, the  
clamp having a clamping surface disposed at a distal end;  
10 at least one electrode for applying RF energy to the tissue  
captured in the first slot; a cutting blade slidingly  
disposed in the first slot between open and closed  
positions, the cutting blade having a cutting edge to sever  
the tissue; first actuation means for actuating the clamp  
15 between the open and closed positions; and second actuation  
means for actuating the cutting blade between the open and  
closed positions.